

REMARKS/ARGUMENTS

Claims 1-23 are pending. By this Amendment, claims 1, 5, 6, 8-11 and 14-20 are amended, and claims 21-23 are added. Support for the claims can be found throughout the specification, including the original claims and the drawings. Withdrawal of the rejections in view of the above amendments and the following remarks is respectfully requested.

I. Drawing Objections

The Office Action objects to Figs. 1-3 because they do not include a legend such as Prior Art. By this Amendment, Figs 1-3 are replaced with new figures that include the legend “Related Art.” Withdrawal of the objections is respectfully requested.

II. Rejection Under 35 U.S.C. §112, Second Paragraph

The Office Action rejects claims 14 under 35 U.S.C. §112, second paragraph, as allegedly indefinite. By this Amendment, claim 14 is amended to obviate the rejection.

III. Rejection Under 35 U.S.C. §102(e)

The Office Action rejects claims 1-4, 7-10, 15 and 16 under 35 U.S.C. §102(e) over U.S. Patent Publication 2003/0108328 to Kawasaki et al. (hereinafter, “Kawasaki”). The rejection is respectfully traversed.

A. Claims 1-4 and 7-10

Claim 1 is directed to a method of displaying information of data that is to be deleted from a digital video recorder. Claim 1 recites steps of reading management information of data to be deleted during an overwriting operation that occurs during a recording operation, and displaying the read management information.

Kawasaki discloses a digital video recorder. The Kawasaki digital video recorder operates such that after a file has been played to the user, the Kawasaki device causes a message to be displayed to the user asking if the file should be deleted. This process occurs after the playback of the file has ended, and at a time when no recording operation is being performed. Thus, Kawasaki fails to disclose or suggest a method wherein management information of data to be deleted as part of an overwriting operation (occurring during a recording operation) is read and displayed. For at least this reason, it is respectfully submitted that claim 1 is allowable. Dependent claims 2-4, and 7-10 are allowable at least for the reasons set forth above with respect to independent claim 1, from which they respectively depend, as well as for their added features.

B. Claims 15 and 16

Claim 15 is directed to a digital video recorder. Claim 15 recites means for reading management information of data to be deleted from a storage medium of the digital video recorder during a data overwriting operation that occurs during a data recording operation, and means for displaying the read management information.

As noted above, Kawasaki fails to disclose or suggest a digital video recorder that reads management information of data to be deleted during a data overwriting operation that occurs during a data recording operation. Thus, it is respectfully submitted that claim 15 is also allowable over Kawasaki for the same reasons discussed above. Claim 16 depends from claim 15 and is allowable for the same reasons, and for the additional features that it recites.

In view of all of the foregoing, withdrawal of the rejection of claims 1-4, 7-10, 15 and 16 is respectfully requested.

IV. Rejection Under 35 U.S.C. §103(a)

A. Claims 5 and 6

The Office Action rejects claims 5 and 6 under 35 U.S.C. 103(a) over Kawasaki, in view of the related art discussed in present application (hereinafter, the “Related Art”). The rejection is respectfully traversed.

Claims 5 and 6 depend from claim 1. As noted above, Kawasaki fails to disclose or suggest all the features of claim 1. The Related Art fails to cure the deficiencies of Kawasaki. Specifically, the Related Art also fails to disclose or suggest the reading step of claim 1. For at least this reason, it is respectfully submitted that claims 5 and 6 are also allowable and withdrawal of the rejection is requested.

B. Claims 11-14, 17 and 18

The Office Action rejects claims 11-14, 17 and 18 under 35 U.S.C. 103(a) over Kawasaki, in view of US Patent publication 2004/0024838 A1 to Cochran et al. (hereinafter, "Cochran"). The rejection is respectfully traversed.

Claims 11-14 depend from claim 1 and claims 17 and 18 depend from claim 15. As discussed above, Kawasaki fails to disclose or suggest all the features of claims 1 and 15. Cochran fails to cure the deficiencies of Kawasaki. Specifically, Cochran also fails to disclose or suggest the reading step of claim 1 or the means for reading recited in claim 15. Accordingly, it is respectfully submitted that claims 11-14, 17 and 18 are also allowable for at least the reasons discussed above. In addition, the dependent claims recite additional features that are also not shown or suggested by the cited art. For all these reasons, withdrawal of the rejection is respectfully requested.

C. Claims 19 and 20

The Office Action rejects claims 19 and 20 under 35 U.S.C. 103(a) over Kawasaki, in view of Cochran, and further in view of the Related Art. The rejection is respectfully traversed.

Claim 19 is directed to a method of operating a digital video recorder. Claim 19 recites a step of recording current data from at least one of a plurality of sensors, storing the current recorded data to a first location of a storage device, reading management data of a file to be deleted from the storage device as part of a data overwrite operation, and displaying the read management data.

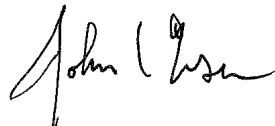
As noted above, Kawasaki, Cochran and the Related Art all fail to disclose or suggest a method wherein management data of a file to be deleted as part of an overwrite operation is read and displayed. For at least this reason, it is respectfully submitted that claim 19 is allowable. Claim 20 depends from claim 19 and is allowable for the same reasons, and for the additional features it recites. Accordingly, withdrawal of the rejection of claims 19 and 20 is respectfully requested.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that additional changes would place the application in better condition, the Examiner is invited to contact the undersigned at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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